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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial Complete XXX Exploration

Inspection Date: 03/21/2002 / Time: 9 AM-11:15 AM

Date of Last Inspection: 02/21/2002

Mine Name: Wildcat Loadout County: Carbon Permit Number: C/007/033

Permittee and/or Operator's Name: Andalex Resources, Inc.

Business Address: P.O. Box 902, Price, Utah 84501

Company Official(s): Messrs. Scott Dimick and Joe Baker

State Official(s): Jim Smith / Peter Hess Federal Official(s): None

Weather Conditions: Sunny / clear / warm / 40's-50's Fahrenheit

Type of Mining Activity: Underground Surface Prep Plant XXX Other

Existing Acreage: Permitted 100 Disturbed 63.7 Regraded Seeded

Status: Active

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/007/033

DATE OF INSPECTION: 03/21/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: The midterm permit review process continues; the permittee's response to the Division's February 25 document is due by March 29, 2002.

3. TOPSOIL

The lack of vegetation on topsoil storage pile "A" (located due East of sediment pond "A") was noted in the February 21, 2002 inspection report. It is not known what intentions the permittee has relative to establishing a protective cover over this resource relative to R645-301-234.230.

As noted during the midterm permit review process, the topsoil piles located about the site (4 piles) have not been included as ASCA's on Plate 2, Wildcat Loadout, Surface Facilities Topography, (Watershed & Drainage). The currently approved Plate 13, which shows that 6 topsoil piles exist on site, is being revised to correctly show four topsoil piles with their associated volumes. Topsoil piles "C" and "D" were moved and added to another pile. As noted above, the permittee's response is due by March 29, 2002.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The permittee has cleaned the half-round 12-inch corrugated metal diversion that conveys collected runoff from the east section of ASCA #1 to the ditch that is collinear with the permit boundary.

The only diversion noted as being in need of maintenance during today's inspection was the last eighty feet of ditch (same ditch as mentioned above) on the discharge end of same. This ditch reports to ditch D-1, which is a 24-inch half-round CMP reporting to sediment pond "E". Mr. Dimick is aware of the needed maintenance.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The fourth quarter and annual impoundment inspections for the Wildcat site were performed by Mr. Dan Guy, P.E., of Blackhawk Engineering Co. on November 20, 2001. Ponds "B", "C", "D", "E", and "F" show less than one-tenth of an acre foot of sediment storage capacity remaining. There were no signs of instability or other hazardous conditions reported by Mr. Guy. Reports were also completed for the permanent impoundment and the depression area.

There were no problems noted with any of the impoundments during today's field inspection. All ponds are either dry or show dampness only.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

All ASCA's are functioning according to their approved designs within the mining and reclamation plan, although it has been suggested that the treatments, which are utilized within each, incorporate vegetation as well as the in-place straw bales and/or berms. The Permittee will address this within the March 29, 2002 submittal.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Water monitoring records were reviewed for completeness. Discharge monitoring reports for the sites various UPDES outfalls for the months of December 2001, and January and February were reviewed. None of the site's six UPDES outfalls discharged during that three-month period. All reports were submitted in a timely fashion.

INSPECTION REPORT
(Continuation Sheet)

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The first quarter 2002 water sampling for the site has been completed and submitted by Ms. Karla Knoop as of 3/21/2002. If WCW-1, 2, 3, or 4 flow in the remaining ten days within this quarter, the Permittee will be required to sample.

The following comments are from Mr. James Smith, Reclamation Hydrologist, relative to today's inspection:

- The operator provided copies of January, February, and April DMR's that were missing from the records in the Salt Lake Office.

- The Division's database indicates many parameters are missing for the July 2001 samples at WCW-1 and WCW-2. A copy of the permittee's records of these sample analyses was obtained during today's inspection.

- Copies of the July 2001 water quality reports obtained during this inspection show that pH, EC, and temperature were not measured in the field when the samples were collected. It is the permittee's responsibility to assure that field parameters are measured when water quality samples are collected.

- The water quality reports also show that in the July 2001 samples most metals were analyzed for total rather than dissolved metals. The cation/anion ratio showed an imbalance far in excess of more than 30% (a difference of up to 5% is considered acceptable in Standard methods for the Examination of Water and Wastewater).

- The shortcomings in the monitoring plan in Table IV-10 of the Wildcat MRP have been discussed with the operator and addressed during the midterm permit review. The permittee's next response to complete the midterm review deficiencies is due on March 29, 2002.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The fourth quarter waste rock pile inspection and P.E. certification was conducted by Dan Guy on November 20, 2001. There were no problems noted.

No problems were noted with the refuse disposal facility during today's field inspection.

20. AIR QUALITY PERMIT

It was apparent that the Permittee is utilizing a water truck to suppress fugitive dust in certain areas of the site.

Inspector's Signature: _____


Peter Hess Inspector #46

Date: March 28, 2002

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
Mike Glasson, Andalex
Price Field Office

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